

| | | | |
|--|---|--------------------------|--------------------|
| Substitute for form 1449/PTO | | Complete If Known | |
| | | Application Number | 10/635,862 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Filing Date | August 5, 2003 |
| | | First Named Inventor | Michael J. DeLuca |
| | | Art Unit | 2622 |
| | | Examiner Name | Giles, Nicholas G. |
| | | Attorney Docket Number | FN-101-CIP-US |
| Sheet | 1 | of | 4 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------|------------------------------|--------------------------------|--|---|
| Examiner Initials* | Cite No.* | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code* (if known) | | | |
| | 1. | 5568194 | 10/22/1996 | Abe | |
| | 2. | 5847714 | 12/8/1999 | Naqvi et al. | |
| | 3. | 5974189 | 10/26/1999 | Nicponski | |
| | 4. | 5991594 | 11/23/1999 | Froeber et al. | |
| | 5. | 6172706 | 1/9/2001 | Tatsumi | |
| | 6. | 6300935 | 10/9/2001 | Sobel et al. | |
| | 7. | 6396963 | 5/1/2002 | Shaffer et al. | |
| | 8. | 6441854 | 8/27/2002 | Fellegara et al. | |
| | 9. | 6614995 | 9/2/2003 | Tseng | |
| | 10. | 6700614 | 3/2/2004 | Hala | |
| | 11. | 6707950 | 3/1/2004 | Burns et al. | |
| | 12. | 6718051 | 4/6/2004 | Eschbach | |
| | 13. | 6724941 | 4/20/2004 | Aoyama | |
| | 14. | 6765686 | 7/20/2004 | Marucka | |
| | 15. | 6873743 | 3/29/2005 | Steinberg | |
| | 16. | 6885766 | 4/26/2005 | Held et al. | |
| | 17. | 6895112 | 5/17/2005 | Chen et al. | |
| | 18. | 6900882 | 5/31/2005 | Iida | |
| | 19. | 6912298 | 6/28/2005 | Wilensky | |
| | 20. | 6937997 | 8/30/2005 | Parulski | |
| | 21. | 6967680 | 11/22/2005 | Kagle et al. | |
| | 22. | 6980691 | 12/27/2005 | Nesterov et al. | |
| | 23. | 6984039 | 1/10/2006 | Agostinelli | |
| | 24. | 7035461 | 4/25/2006 | Luo et al. | |
| | 25. | 7042505 | 5/9/2006 | De Luca | |
| | 26. | 7062086 | 6/13/2006 | Chen et al. | |
| | 27. | 7116820 | 10/3/2006 | Luo et al. | |
| | 28. | 7216289 | 5/1/2007 | Kagle et al. | |
| | 29. | 7289664 | 10/30/2007 | Enomoto | |
| | 30. | 7352394 | 4/1/2008 | DeLuca | |
| | 31. | 2001-0015760 | 8/23/2001 | Fellegara et al. | |
| | 32. | 2002-0054224 | 5/1/2002 | Wasula et al. | |
| | 33. | 2002-0085088 | 7/1/2002 | Eubanks | |
| | 34. | 2002-0093633 | 7/1/2002 | Milch | |
| | 35. | 2004-0017481 | 1/29/2004 | Takasumi et al. | |
| | 36. | 2004-0027593 | 2/12/2004 | Wilkins | |
| | 37. | 2004-0032512 | 2/19/2004 | Silverbrook | |
| | 38. | 2004-0033071 | 2/19/2004 | Kubo | |
| | 39. | 2004-0037460 | 2/26/2004 | Luo et al. | |
| | 40. | 2004-0046878 | 3/11/2004 | Jarman | |
| | 41. | 2004-0056975 | 3/25/2004 | Hata | |
| | 42. | 2004-0057705 | 3/25/2004 | Tsuchida et al. | |
| | 43. | 2004-0090461 | 5/13/2004 | Adams | |
| | 44. | 2004-0093432 | 5/13/2004 | Luo et al. | |
| | 45. | 2004-0114796 | 6/17/2004 | Kaku | |
| | 46. | 2004-0114797 | 6/17/2004 | Meckes | |

| | | | | |
|---|---|----|--------------------------|--------------------|
| Substitute for form 1449/PTO | | | Complete If Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | Application Number | 10/635,862 |
| | | | Filing Date | August 5, 2003 |
| | | | First Named Inventor | Michael J. DeLuca |
| | | | Art Unit | 2622 |
| | | | Examiner Name | Giles, Nicholas G. |
| | | | Attorney Docket Number | FN-101-CIP-US |
| Sheet | 2 | of | 4 | |

| | | | | |
|-----|--------------|------------|-------------------|--|
| 47. | 2004-0114829 | 6/17/2004 | LeFeuvre et al. | |
| 48. | 2004-0114904 | 6/17/2004 | Sun et al. | |
| 49. | 2004-0119851 | 6/24/2004 | Kaku | |
| 50. | 2004-0125387 | 7/1/2004 | Nagao et al. | |
| 51. | 2004-0126086 | 7/1/2004 | Nakamura et al. | |
| 52. | 2004-0141657 | 7/22/2004 | Jarman | |
| 53. | 2004-0150743 | 8/5/2004 | Schinner | |
| 54. | 2004-0160517 | 8/19/2004 | Iida | |
| 55. | 2004-0165215 | 8/26/2004 | Raguet et al. | |
| 56. | 2004-0184044 | 9/23/2004 | Kolb et al. | |
| 57. | 2004-0184670 | 9/23/2004 | Jarman et al. | |
| 58. | 2004-0196292 | 10/7/2004 | Okamura | |
| 59. | 2004-0196503 | 10/7/2004 | Kurtenbach et al. | |
| 60. | 2004-0213476 | 10/28/2004 | Luo et al. | |
| 61. | 2004-0223063 | 11/11/2004 | DeLuca et al. | |
| 62. | 2004-0227978 | 11/18/2004 | Enomoto | |
| 63. | 2004-0228542 | 11/18/2004 | Zhang et al. | |
| 64. | 2004-0233299 | 11/25/2004 | Ioffe et al. | |
| 65. | 2004-0233301 | 11/25/2004 | Nakata et al. | |
| 66. | 2004-0234156 | 11/25/2004 | Watanabe et al. | |
| 67. | 2004-0240747 | 12/2/2004 | Jarman et al. | |
| 68. | 2004-0258308 | 12/23/2004 | Sadovsky et al. | |
| 69. | 2005-0001024 | 1/6/2005 | Kusaka et al. | |
| 70. | 2005-0013602 | 1/20/2005 | Ogawa | |
| 71. | 2005-0013603 | 1/20/2005 | Ichimasa | |
| 72. | 2005-0024498 | 2/3/2005 | Iida et al. | |
| 73. | 2005-0047655 | 3/3/2005 | Luo et al. | |
| 74. | 2005-0047656 | 3/3/2005 | Luo et al. | |
| 75. | 2005-0053279 | 3/10/2005 | Chen et al. | |
| 76. | 2005-0057715 | 3/25/2004 | Tsuchida et al. | |
| 77. | 2005-0058340 | 3/17/2005 | Chen et al. | |
| 78. | 2005-0058342 | 3/17/2005 | Chen et al. | |
| 79. | 2005-0062856 | 3/24/2005 | Matsushita | |
| 80. | 2005-0063083 | 3/24/2005 | Dart et al. | |
| 81. | 2005-0074164 | 4/7/2005 | Yonaha | |
| 82. | 2005-0078191 | 4/14/2005 | Battles | |
| 83. | 2005-0090461 | 5/13/2004 | Adams | |
| 84. | 2005-0117132 | 6/16/2005 | Agostinelli | |
| 85. | 2005-0129331 | 6/16/2005 | Kakiuchi et al. | |
| 86. | 2005-0151943 | 7/14/2005 | Iida | |
| 87. | 2005-0163498 | 7/28/2005 | Battles et al. | |
| 88. | 2005-0168965 | 8/4/2005 | Yoshida | |
| 89. | 2005-0196067 | 9/8/2005 | Gallagher et al. | |
| 90. | 2005-0200736 | 9/15/2005 | Ito | |
| 91. | 2005-0207649 | 9/22/2005 | Enomoto et al. | |
| 92. | 2005-0212955 | 9/29/2005 | Craig et al. | |
| 93. | 2005-0219385 | 10/6/2005 | Terakawa | |
| 94. | 2005-0219608 | 10/6/2005 | Wada | |
| 95. | 2005-0220346 | 10/6/2005 | Akahori | |
| 96. | 2005-0220347 | 10/6/2005 | Enomoto et al. | |

| | | | |
|---|---|--------------------------|--------------------|
| Substitute for form 1449/PTO | | Complete If Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Application Number | 10/635,862 |
| | | Filing Date | August 5, 2003 |
| | | First Named Inventor | Michael J. DeLuca |
| | | Art Unit | 2622 |
| | | Examiner Name | Giles, Nicholas G. |
| | | Attorney Docket Number | FN-101-CIP-US |
| Sheet | 3 | of | 4 |

| | | | | |
|------|--------------|------------|-------------------|--|
| 97. | 2005-0226499 | 10/13/2005 | Terakawa | |
| 98. | 2005-0232490 | 10/20/2005 | Itagaki et al. | |
| 99. | 2005-0243348 | 11/3/2005 | Yonaha | |
| 100. | 2005-0275734 | 12/15/2005 | Ikeda | |
| 101. | 2005-0280717 | 12/22/2005 | Sugimoto | |
| 102. | 2005-0286766 | 12/29/2005 | Ferman | |
| 103. | 2006-0008171 | 1/12/2006 | Petschnigg et al. | |
| 104. | 2006-0039690 | 2/23/2006 | Steinberg et al. | |
| 105. | 2006-0045352 | 3/2/2006 | Gallagher | |
| 106. | 2006-0050300 | 3/9/2006 | Mitani et al. | |
| 107. | 2006-0066628 | 3/30/2006 | Brodie et al. | |
| 108. | 2006-0082847 | 4/20/2006 | Sugimoto | |
| 109. | 2006-0093212 | 5/4/2006 | Steinberg et al. | |
| 110. | 2006-0093213 | 5/4/2006 | Steinberg et al. | |
| 111. | 2006-0093238 | 5/4/2006 | Steinberg et al. | |
| 112. | 2006-0098867 | 5/11/2006 | Gallagher | |
| 113. | 2006-0098875 | 5/11/2006 | Sugimoto | |
| 114. | 2006-0119832 | 6/8/2006 | Iida | |
| 115. | 2006-0120599 | 6/8/2006 | Steinberg et al. | |
| 116. | 2006-0150089 | 7/6/2006 | Jensen et al. | |
| 117. | 2006-0221408 | 10/5/2006 | Fukuda | |
| 118. | 2006-0285754 | 12/21/2006 | Steinberg et al. | |
| 119. | 2007-0116379 | 5/24/2007 | Corcoran et al. | |
| 120. | 2007-0263104 | 11/15/2007 | DeLuca et al. | |
| 121. | 2008-0002060 | 1/3/2008 | DeLuca et al. | |
| 122. | 2008-0043121 | 2/21/2008 | Prilutsky et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|---|------------------|---|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear. T ² |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | MM-DD-YYYY | | |
| | 123. | WO 03-071484 A | 8/28/2003 | Pixology Ltd. | |
| | 124. | WO 05-015896 A1 | 2/17/2005 | Accapella Vision | |
| | 125. | WO 05-076217 A2.3 | 8/18/2005 | FotoNation | |
| | 126. | WO 06-018056 A1 | 2/23/2006 | FotoNation | |
| | 127. | WO 06-045441 A1 | 5/4/2006 | FotoNation | |
| | 128. | WO 05-109853 A1 | 5/5/2005 | FotoNation | |

| NON PATENT LITERATURE DOCUMENTS | | | | | | |
|---------------------------------|-----------------------|---|--|--|--|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | T ² |
| | 129. | Ioffe, S., "Red Eye Detection with Machine Learning," Proceedings of 2003 IEEE Intl. Conf. Image Processing, vol. 2, Sept. 14, 2003, pp. 871-874. | | | | |
| | 130. | Nguyen, K., "Differences in the Infrared Bright Pupil Response of the Human Eye," Proceedings of the 2002 symposium on eye tracking research & applications, New Orleans, LA, 2002, pp. 133-138. | | | | |
| | 131. | PCT Written Opinion of the International Searching Authority, PCT/EP2004/010199 | | | | |

| | | | | | |
|--|---|--------------------------|--------------------|------------------------|---------------|
| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Complete If Known | | | |
| | | Application Number | 10/635,862 | | |
| | | Filing Date | August 5, 2003 | | |
| | | First Named Inventor | Michael J. DeLuca | | |
| | | Art Unit | 2622 | | |
| | | Examiner Name | Giles, Nicholas G. | | |
| Sheet | 4 | of | 4 | Attorney Docket Number | FN-101-CIP-US |

| | | | |
|--|------|--|--|
| | | 12/9/2004, 6 pages. | |
| | 132. | PCT International Report on Patentability, PCT/EP2004/010199, 4/3/06, 7 pages | |
| | 133. | PCT Written Opinion of the ISA, PCT/EP2005-011010, 1/19/06, 7 pages | |
| | 134. | PCT Notification of Transmittal of the International Search Report and Written Opinion of the ISA, or the Declaration, PCT/EP2005-011010, 1/23/2006, 14 pages | |
| | 135. | PCT International Report on Patentability, PCT/EP2005-011010, 1/26/07, 18 pages | |
| | 136. | Sahba, F., "Filter Fusion for Image Enhancement Using Reinforcement Learning," CCECE 2003, Canadian Conf. on Electrical and Computer Engrg., Montreal, Canada, May 4-7, 2003, Canadian Conf. on Electrical and Computer Engrg., New York, NY, IEEE, US, Vol. 3 of 3, 5/4/2003, pp. 847-850, XP010654204 ISBN: 0-7803-7781-8. | |
| | 137. | Shen, J. "Inpainting and the Fundamental Problem of Image Processing," Nov. 25, 2002, 6 pages. | |

| | | | |
|--------------------|------------------|-----------------|------------|
| Examiner Signature | /Nicholas Giles/ | Date Considered | 05/13/2009 |
|--------------------|------------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Applicant's unique citation designation number (optional). *Applicant is to place a check mark here if English language Translation is attached.